CENTENNIAL CONCERT HALL

Technical Information

March, 2012

www.centennialconcerthall.com

ADDRESS:

- 555 Main Street, Winnipeg, Manitoba, Canada, R3B 1C3

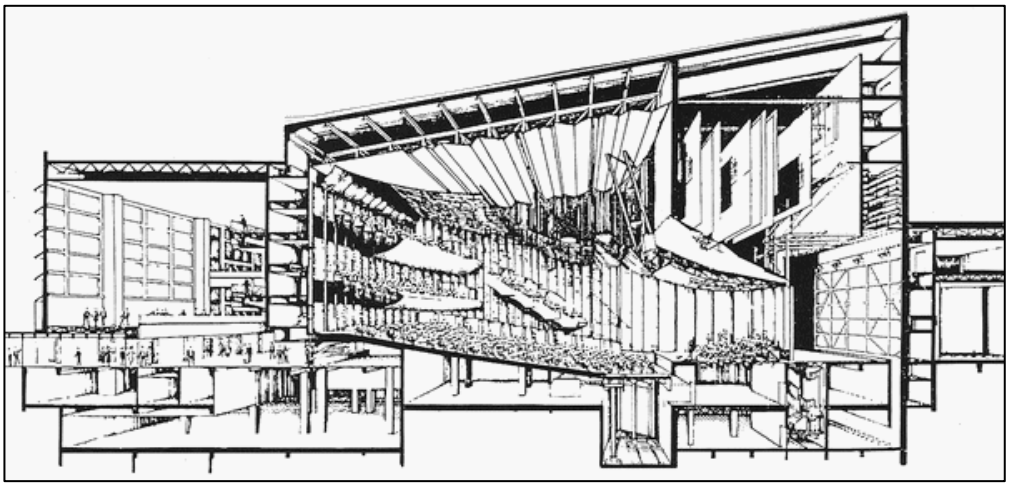
CONTACTS:

- General Information: (204) 956-1360 – Fax: (204) 944-1390
- Mr. Dennis Perko, Dir. Theatre & Sound Stage Operations (204) 957-4311 - dperko@mbccc.ca
- Mr. Dave Martin, Stage Manager, (204) 957-4308 - dmartin@mbccc.ca

Technical Information

Table of Contents

General Information	1
Seating / Floor Plans	2
Stage Dimensions	3
Orchestra Pit / Lifts	4
Backstage Facilities	5
Stage Rigging	6
Draperies	7
Staging Equipment	8
Lighting	9
Auxiliary Power	10
Sound	11
Video	12
Line-Set Schedule	13
Drawings & Seating Plans	14



Section of Stage and Auditorium

1.) GENERAL INFORMATION

555 Main Street

DESCRIPTION:

The facility is a well-equipped and well maintained, modern Proscenium Hall, built in 1967. It is located directly across the street from City Hall, in the heart of Winnipeg's Theatre District.

BOX OFFICE:

An on-site box office facility is available, consult venue for details.

LOBBY:

- Large spacious lobbies on three (3) levels.
- Services: Ushers, ticket takers, coat checks and security.
- Facility is accessible to disabled persons.
- Paging, program sound and video is available.
- Piano Nobile is available for meetings and receptions.
- Consult venue for other lobby services.

Upper Lobby and Piano Nobile

Lobby, Main Floor - Themed event

UNION AFFILIATION:

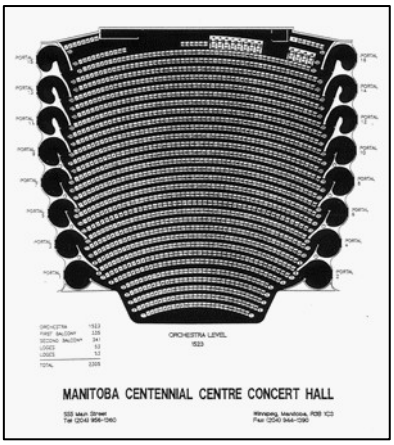
Stage Local: I.A.T.S.E.- Local 63
202-128 James Ave., Winnipeg, MB, R3B 0N8
(204) 944-0511

Website: www.iatse63.com

2.) SEATING & FLOOR PLANS

Orchestra:	1523
First balcony:	335
Second balcony:	341
Loges, right:	53
Loges, left:	53
Total seats	**2305**

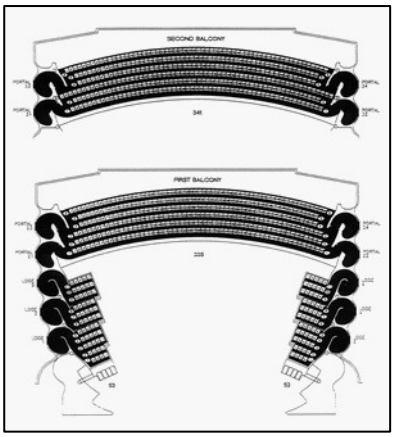
- (including seats on Lift "A" (82) + Lift "B" (62).
- proscenium center to last row, orchestra: 110 ft.
- proscenium center to last row, First Balcony: 112 ft.
- proscenium center to last row, Second Balcony: 116 ft.



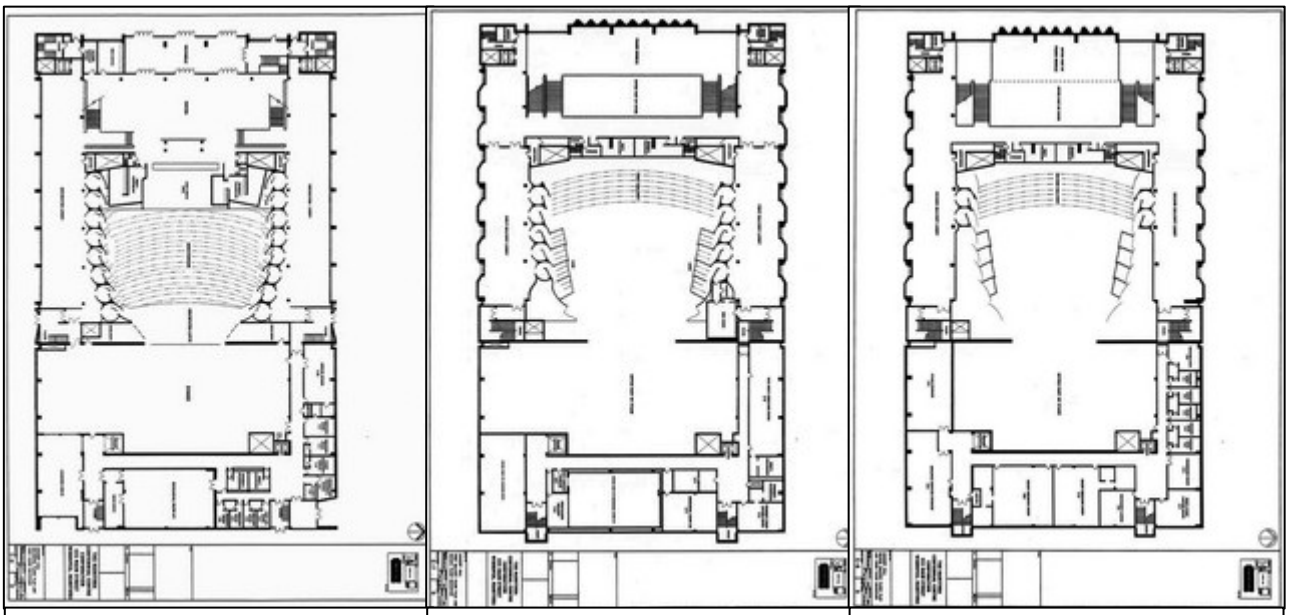
Main Floor (Orchestra)

and Balcony

Consult venue for larger plans



FLOOR PLANS



Main Floor	1st Level	2nd Level

3.) STAGE DIMENSIONS

Proscenium width: 55' - structural width.

Proscenium height: 30' - structural height.

Center line to SR: 60' - to counterweights.

Center line to SL: 60' - with full height (30' to under 26' ceiling).

Stage depth: 60' – prosc. to back wall.

Apron: 3'-6" deep x 55'-0" wide.

Typical trims: Legs at 44' opening, Borders at 18' above stage floor.

Floor: Poured resin floor, 80' wide x 60' deep, sprung pine, colour: charcoal gray, slip resistant surface.

4.) ORCHESTRA PIT / LIFTS

Description: Lift 'A' & Lift 'B' – can be used use for: orchestra pit, seating or stage extension.

Lift 'A': 58' wide x 14' deep - (64' radius of DS edge of apron), - hydraulic lift.

Capacity: approximately 68 musicians plus piano & full percussion.
Remove rows 1, 2, & 3 (82 seats).

Lift 'B': 64' wide x 7' deep - (71' radius of DS edge of apron), - hydraulic lift.

Capacity: Lift A+B: approximately 96 musicians plus piano & full percussion. Remove rows 1, 2, 3, 4 & 5 (144 seats).

5.) BACKSTAGE FACILITIES

DRESSING ROOMS

Stage Level (1st. Floor)	2 - Star Dressing Rooms	11' x 14'
	3 - 2 Artist's, Dressing Rooms	8' x 11'
	1 - Visiting Company Office	11' x 14'
	1 - First Aid Room	8' x 11'
2nd. Floor	1 - Musicians - Gentlemen	18' x 71' (with 70 lockers)
3rd. Floor	1 - Chorus Room	28' x 38' (with 30 lockers).
	1 – Musicians / Chorus-Ladies	38' x 38' (with 35 lockers).
	5 - 2 Artist Dressing Rooms	10' x 12'.
	1 - 3 Artist Dressing Room	18' x 18'

NOTE: All Dressing Rms. have showers, washrooms, program sound and Stage Managers paging.

REHEARSAL ROOMS

Room #1	Stage Level, c/w viewing area+broadcast booth	56' x 34'
Room #2	Basement Level	53' x 26' with 36’ ceiling
Room #3	1st. Balcony Level	32' x 24' with 36’ ceiling

OTHER BACKSTAGE FACILITIES

Green Room	Accommodates 60 persons	with servery - off SR.
Visiting Co. lounge	Accommodates 40 persons	on 2nd. Balcony Level
Wardrobe Storage	c/w washer, dryer, 2 wash tubs	on 2nd Balcony Level

LOADING DOCK

Location:	S.E. corner of Building - (USL). There is room for 2 - 53' long trucks.
Doors:	2 - 10' wide x 12' high – at stage and truck level.
Scene Dock	Doors open onto 24' x 52' scene dock – USL, heated.
Elevator:	Size: 8' h. x 10' w. x 10' d. (to upper storage).

Loading Dock at Lily St. & Market Ave.

6.) STAGE RIGGING

COUNTERWEIGHT SYSTEM

The stage rigging consists of 3 permanent lighting bridges and a 55 line-set counterweight system. The Hall comes equipped with a 'house hang' of drapery and lighting as specified on the 'Line-Set Schedule'. If you need to alter the 'house hang', arrangements must be made in advance, and all items must be immediately restored after the event, at the expense of the licensee.

Type:	Single Purchase Counterweight - (SR wall).
Number of sets:	55 total - 5 lines each.
Line-Set Capacity:	1200 Lbs. each.
Line-Set Centers:	8 Inch - (See Line-Set Schedule).
Pipes:	12" flat aluminum truss, - 72 Ft. long - (1.90" O.D. pipe).
Fly Floor:	SR - Catwalk at 28' above Stage Floor.
Pin Rail:	SR - at Fly Floor.
Hand Lines:	3/4" New England Synthetic (Super-Set) rope.
Loading Floor:	SR - Catwalk at Grid, above Fly Floor.
Grid Height:	85'-0" - (Floor To Underside of Grid).
High pipe trims:	77'-0" -except sets 7-10 (at SR door) are: 69'-9".
Weights:	20,000 Lbs. available, (in addition to pipe Wt.).

OTHER STAGE RIGGING

Lighting Bridges:	3 - Motorized Bridges - pipes are 48 Ft. long (with 6 Ft. pipe extensions).
Paint Frame:	68' wide x 32' high - On power winch located US.
Spot Lines:	Un-weighted Spot Lines may be arranged as needed.
Chain Motors:	4-C/M #L-627 (1 Ton Hoist) with 90 Ft. chain & controls.
Block & Falls:	4-1500 Lb. Lift. (with 450 Ft. 5/8" Hemp).

ORCHESTRA SHELL

Depth:	34'-6"
Width:	55'-0" (maximum)
Area:	Approx. 1689 Sq. Ft.
Lighting:	Permanent down lighting is installed in Shell ceiling.
Note:	Shell area may be increased through use of fore-stage Lifts.
Accessories:	See Staging Equipment

MECHANICAL CONTROL CONSOLE

Console is located DSR- attached to 60 Ft. cable.
Controls: orchestra shell, lifts, fire curtain, bridges, acoustical curtains, house teaser.

7.) DRAPERIES

DRAPERY – (Hanging)

Fire Curtain:	Zetex drop raised on power winch.
Front Curtain:	56' wide x 36' high - Red velour - (Electric / Manual control). Travels, Guillotines, (control SR).
Front Teaser:	60'-6" wide. x 20'-6" high. - Black velour - no fullness.
Legs: (7 pr.)	14' wide x 30' high - Black velour - no fullness.
Borders: (7)	70' wide x 12' high - Black velour - no fullness.
Travellers: (2)	40' wide x 30' high - Black velour (2 panels, center split).
Cyclorama: **(**1)	70’ wide x 40’ high - Blue filled scrim - grommets top & sides.
Plastic Drop: (1)	70' w. x 40' h. - White Rosco Screen - grommets top & sides.
Black Drop: (1)	60' w. x 30' h. - Black velour.
Scrim (Black): (1)	70' w. x 30' h. - Sharkstooth Scrim.
Scrim (White): (1)	70' w. x 30' h. - Sharkstooth Scrim.

DRAPERY - AUXILIARY - (in Storage)

Legs (6 pair)	12' wide x 30' high - 25 oz. Black velour.
Borders (4)	70' wide x 12' high - 25 oz. Black velour.
Black Drops (1)	33'-6" wide x 30' high - Black velour (c/w 2 panels)
Cyclorama (1)	72' w. x 40' h. - Blue Muslin (poor condition?).
Plastic Drop (1)	30' w. x 14' h. - Gray Rosco Screen - grommets top.

8.) GENERAL STAGING EQUIPMENT

Piano #1	Yamaha 9' Grand - Black
Piano #2	Baldwin 9' Grand - Black
Music Stands	170 - (Manhasset)
Music Lights	170 - (60 watt, 120 volt)
Bleachers	For orchestra shell, accommodates 370, in 13 rows
Stage Risers	4' x 8' (in 9" increments to 45") - large stock
Stage Risers	39" x 8' (aluminum in 9" increments to 45"
Chairs	Quantity as required
Tables	Quantity as required (2' x 8')
Step Units	Large selection available
Snow Bag	Cloth bag - controlled from 2 line-sets (52' x 11')
Star Drop	Fiber optic "stars" in black velour drop (37' x 30')
Air Lift #1	Up-Right Scaffolding: UL 31-37
Air Lift #2	"Genie" AWP-30

9.) LIGHTING

DIMMERS and CONTROL

House Console	**E.TC. Eos, 4000 channels** – DMX-512
Control, Location	Lighting Booth - Rear Main Floor
Control, Alternate	Backstage & Designer remote control
Dimmers, Type:	456 Total. Strand Lighting CD-80 AE dimmers - in 5 racks
Dimmers, Wattage:	(1-432 are 2.4Kw.) and (433-456 are 6 Kw).
Circuits, (20 Amp):	456 Total. - (dimmer per circuit) - (See dimmer schedule).
Non Dims	Any dimmer can be used as a Non-Dim
Accessories	1 - Printer 1 - Remote console, Remote interface and Remote focus unit 1 - ETC OPTO Splitter 1 – DMX Manager from Gray Interface (2 console inputs and 1 output)

E.T.C. EOS Lighting Control Console

Facility was also up-dated with new Source-4's in 2008-2009

Link to EOS Specifications

PERMANENT FIXTURES - (F.O.H.)

The following equipment is permanently located and cannot be removed. This equipment is part of the 'House Focus'. If the focus is altered, it must be restored at the expense of the licensee.

FOH Catwalk - # 1	26 – ETC Source 4 - 19 degree, 750 Watt
FOH Catwalk - # 2	12 – ETC Source 4 - 19 degree, 750 Watt
Box Booms: # 1 (R&L)	6 - ETC Source 4 – 19 degree, 750 Watt (3 per side) 6 - ETC Source 4 – 26 degree, 750 Watt (3 per side)
Box Booms: # 2 (R&L)	10 – ETC Source 4 - 19 degree, 750 watt (5 per side) 2 - ETC Source 4 - 14 degree, 750 watt (1 per side)
Box Booms: # 3 (R&L)	6 – ETC Source 4 -10 degree, 750 watt (3 per side)
Loges (R&L):	4 - Source 4 - 36 degree. (2 per side – curtain warmers) 2 - Source 4 - 50 degree. (1 per side – curtain warmers) 2 – Infra Red Fixtures (1 per lodge) PAR 46 200w
2nd. Balcony:	3 - Gladiator - Follow Spots. (With scope)

9.) LIGHTING (2/3)

PORTABLE FIXTURES

The following fixtures are part of the 'House Focus' (on stage). If the equipment is moved or the focus altered, then it must be restored at the expense of the licensee.

36 deg. ellipsoidal	60 - Source-4 – 750 watt - 36 degree. (12 iris + 60 holders
26 deg. ellipsoidal	60 - Source-4 – 750 watt - 26 degree.
19 deg. ellipsoidal	48 – Source-4 – 750 watt. - 19 degree.
6 x 12s Lekos	10 – Strand SL 2112 -1Kw. -15 degree (1 lens).
Fresnels - (1Kw.)	36 - Strand SL 3380 - 1Kw. - 6" Fresnel -c/w doors
Fresnels - (2Kw.)	18 - Strand SL 3480 - 2Kw. - 8" Fresnel -c/w doors
PARS 64 – chrome	96 - Thomas PAR 64 -1Kw., 48 loose and 8 bars of 6 (chrome)
PARS 64 – black	12 - Generic PAR 64 - Kw. - NSP - Black
Cyc Lights (Top):	8 - Ianiro Iris 3 - 1Kw. – rectangular frame - 3 color.
Cyc Lights (Floor):	8 - Jack. Frost Strips - 500w - 6' x 6 lamp - 3 color
Moving Lights:	7 - Martin Mini-MAC (Moving Yoke)
"	7 – Martin MAC 250 Entour
"	5 - Martin Pals 1200 (Moving mirror)

CIRCUIT LOCATIONS

1-40	(40)	FOH Cove #1 & #2
41-84	(44)	Box Booms #1, #2 and #3
85-94	(10)	Loges
95-110	(16)	Side Stages (DSR & DSL)
111-150	(40)	#1 Bridge
151-174	(24)	#2 Bridge
175-198	(24)	#3 Bridge
199-210	(12)	Floor pockets SL
211-222	(12)	Floor pockets SR
223-258	(36)	Floor pockets - US (231-234+239-242+247-250 parallel CS).
259-274	(16)	Drop boxes DR & DL torm position
275-388	(114)	Drop boxes SL and SR
389-391	(3)	FOH cove #1 SL
392-394	(3)	FOH cove #1 SR
395-409	(18)	Lighting patch room
413-432	(20)	Orchestra Shell lighting
433-456	(24)	FOH cove #1 - 50 Amp. Circuits
448 DSL		- paralleled to FOH cove #1
449 USC		- paralleled to FOH cove #1
450 DSR		- paralleled to FOH cove #1

9.) LIGHTING (3/3)

AUXILIARY LIGHTING & EFFECTS

Color Media:	Roscolux & LEE available.
Cables:	Good stock of cables & adapters - (12/3 SJ).
Boom Stands ("Tee"):	6 - holds 4 Lekos on "tee" top, (to 10 ft.) - (Nelson stands.).
Custom Dance Towers:	10 – holds 3 Strand Lekos (and 1 shin) – (added in 2009)
Color Wheels:	4 - Rosco - Variable speed.
Animation Wheels:	2 - Rosco - Variable speed.
Gobo Rotators:	4 - Rosco - Variable speed.
Effect Projector:	2 - RDS - with lenses (consult venue).
Fog Machine:	2 - LeMaitre - G300 – Fogger.
Dry ice simulator:	2 – LeMaitre - LSG - Dry ice simulator.
Hazer:	1 – DF50 ‘Diffusion’ Hazer.

10.) AUXILIARY POWER

COMPANY SWITCH - (Television and Aux. Lighting)

Aux. Splitter #1	400 Amp. (4W3P 120/208), located DSR.
Aux. Splitter #2	400 Amp. (4W3P 120/208), located DSR.
Aux. Splitter #3	400 Amp. (4W3P 120/208), located DSR.
Aux. Splitter #4	400 Amp. (4W3P 120/208), located DSR.
Aux. Splitter #5	400 Amp. (4W3P 120/208), located USL.
Aux. Splitter #6	200 Amp. (4W3P 120/208), located USL.

SOUND POWER

Touring System	1 - 100 Amp. Splitter, SL & SR. (both are 4W.3P. 120/208).
House System	1 - 100 Amp. Transformer isolated - single phase 120 Volt.
Ground	1 - Isolated ground. (available to Touring & House systems).

11.) SOUND

AUDITORIUM SYSTEM

House Mix Console	**Yamaha PM5D**
Inputs:	- 48 monaural channels - (48 onboard analog preamplifier inputs) - (48 remote digital preamplifiers off SL) - 4 stereo channels - 4 stereo FX return channels
Outputs:	- A & B L/R mix outputs - 8 Matrix outputs -24 Aux. Outputs

System designed by Martin Van Dijk, Engineering Harmonics Inc.
Installed by Westbury National Show Systems Ltd

Yamaha PM5D – Audio Console

MAIN P.A. SYSTEM

Control Electronics	3 BSS Soundweb London Blu-80 1 BSS Soundweb 9010 Remote Controller 1 Motion Computing M1400 Tablet PC
Main Cluster	2 Meyers MSL3
Delay Cluster	2 Meyers MSL3
Subwoofers	4 Meyer 650R2
Deck Fill SR/SL	2 Meyers CQ-1
Stage Lip Fill	12 Meyer MM4
Under Loge Fill R+L	4 Renkus-Heinz PNX61 (2 per side) 2 Renkus-Heinz PNX81 (1 per side)
Loge Fill	4 Renkus-Heinz PNX61 (2 per side) 2 Renkus-Heinz PNX81 (1 per side)
Under Balcony Fill	9 Renkus-Heinz PNX61
Balcony Corner Fill	2 Renkus-Heinz PNX82 (1 per side)
2nd Balcony Fill	4 Renkus-Heinz ST-4
Sound Control Rm.	4 Bose MA12 (monitors)

MONITOR AND PORTABLE PA SPEAKERS:

Monitor & portable PA speakers	4 Meyer UM1 wedges 6 Meyer UPA1 cabinets 2 Meyer UPM-1P small powered speakers 2 ElectroVoice FM-12-2A wedges 8 JBL Control 5 cabinets

11.) SOUND

GENERAL INVENTORY

Microphone & Direct Boxes	13 AKG 391 11 AKG 451/CK1 5 AKG 451/CK8 (SHOTGUN) 8 Shure 87 5 Shure 58 5 Shure 57 2 Shure 53 3 Sennheiser 421 8 Crown PCC 160 3 Countryman ISOC 3 Countryman ISOH 4 Smaart M30 4 ClarkTeknik BB 100 DI 5 Countryman Type 85 DI
Microphone Stands	14 standard straight stands 38 standard stands with boom 13 short stands with boom 6 medium large stands with boom 4 large stands with long boom
Snakes and Stage Boxes	4 stage box snakes, 12 lines, 125 feet 4 stage box snakes, 6 lines, 75 feet 1 snake, 6 lines, 150 feet
Wireless Microphones	10 UHF receiver channels (5 Shure UR4D 2 ch. Receivers) 518-578 MHz 9 Shure UR2 handheld with Beta 87A mic capsules 9 Shure WL 50B omni lavs. 4 Shure WL 51 lavs. 5 Shure WMC 16 head-worn hypercardiod
Record/Playback	1 Tascam CD-01 CD player 2 Sony MDS E12 minidisk players 1 Sony MDS B1 minidisk player 2 Fostex DAT D10 1 Pentium III Windows 2000 computer, (with LynxONE soundcard and Echo MiaMIDI soundcard) 2 Yamaha C300 cassette decks 2 Technics SPL1300 CD players
Intercom and Headset System	1 ClearCom MS-440 Base Station (Channel A installed; B,C & D available from Sound Booth) 24 headsets 20 beltpacks 3 desktop stations 6 Wireless headsets on 2 HME RW 800 UHF transceivers

11.) SOUND

EFFECTS / SIGNAL PROCESSING (Outboard)

1	BSS DPR 402 c channel Complimiter
2	Klark Teknic DN 504 4 channel Complimiter
1	Klark Teknic DN 514 4 channel Noise Gate
5	Klark Teknic DN 360 2 1/3 octave channel Graphic Equalizer
3	Meyer CP 10 2 channel Parametric Equalizer
1	Urei 539 1 channel 1 octave Graphic Equalizer
1	Ashley GQ231 2 channel 1/3 octave Graphic Equalizer
2	Shure SR 107 1 channel, 1 octave Equalizer
2	Mackie 1202 portable mixer
1	Whirlwind 24 channel Mic Splitter (1 in – 3 out per channel).
1	WestSun custom 12 ch. balanced line splitter (1 in–3 out) with 30 dB attenuation).
1	Lexicon PCM 70 Reverb / Multi Effects
1	Yamaha SPX 1000 Reverb / Multi Effects

ADDITIONAL SOUND NOTES

Microphone Lines: -24 lines offstage Left to Sound Booth patchbay.
-52 lines offstage Left to Sound Booth patchbay.

1.) Rear Auditorium (center) mix position is available for touring shows.
2.) Program Sound is fed to Backstage and Lobby.
3.) Program Sound also feeds Sennheiser Infra red hearing aid system.
4.) Paging from Stage to Backstage only is fed to Dressing Rooms, Green Room, Production Office, Rehearsal Room 1 and Backstage hallways.
5.) Paging from Front of House is fed to Lobby only.
6.) Broadcasting Interface - consult venue.

12.) VIDEO SYSTEM

CAM 1 (stage shot): feeds to SM console, SM Office & Production Office.
CAM 2 (aux. use): feeds Conductor, DL & DR Louvers, and DL,DR,UR,UL & UC.

13.) LINESET SCHEDULE

Please download the current version, for most recent details of ‘House Hang’.

14.) DRAWINGS

Drawings are available with details of stage, rigging, lighting, masking, orchestra shell, and electrical power. All drawings may be downloaded as either a CAD file (DWG), or as an Adobe Reader (PDF) file. Please see the on-line Drawing Index.

15.) STAGE MANAGEMENT CONSOLE

- Located Down Stage Right with Program Sound and Paging,
- Clock, Stopwatch ,Telephone (with light/bell), 2 Video Monitors, A.C. Receptacle
- Headset - to all departments, House curtain controls, Houselight controls
- Fire Extinguisher / First Aid Kit / Drawers with lock